

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.
5038.00

SERIAL NO.
08/815168

FREEMAN et al.

FILING
March 11, 1997

GROUP
2776

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|----------------------|---|-----------------|----------|-------------------|-------|----------|-------------------------------|
| HVT | A | 5357276 | 10/18/94 | BANKER et al. | 348 | 7 | |
| | B | 5365346 | 11/15/94 | ABUMI | 348 | 708 | |
| | C | 5532748 | 07/02/96 | NAIMPALLY | 348 | 432 | |
| | D | 5600368 | 02/04/97 | MATTHEWS, III | 348 | 143 | |
| | E | 5724091 | 03/03/98 | FREEMAN et al. | 348 | 13 | |
| | F | 5140419 | 08/18/92 | GALUMBECK et al. | 358 | 142 | |
| | G | 5453794 | 09/26/95 | EZAKI | 348 | 461 | |
| | H | 5481542 | 01/02/96 | LOGSTON et al. | 370 | 94.2 | |
| | I | 5526035 | 06/11/96 | LAPPINGTON et al. | 348 | 13 | |
| | J | 5534913 | 07/09/96 | MAJETI et al. | 348 | 7 | |
| | H | 5539471 | 07/23/96 | MYHRVOLD et al. | 348 | 473 | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|---|-----------------|----------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | I | WO 9311617 | 06/1993 | WIPO | | | | |
| | J | WO 9322877 | 11/1993 | WIPO | | | | |
| | K | WO 9605699 | 02/22/96 | WIPO | | | | |
| | L | 7-46198 | 02/1995 | Japan | | | | ✓ |
| | M | 0757485 | 02/05/97 | EPO | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|---|---|
| N | Yu, P.S. et al., "Design and Analysis of a Look-Ahead Scheduling Scheme to Support Pause-Resume for Video-On-Demand Applications." Multimedia Systems, vol. 3, No. 4, 1 Jan. 1995, pp. 137-149, XP000576898. |
| O | "Web TV over Digital Cable"; Author - Dale Cripps; May 4, 1998; http://web-star.com/hdtvnews/webtvoverdigitalcable.html ; pages 1-4. |

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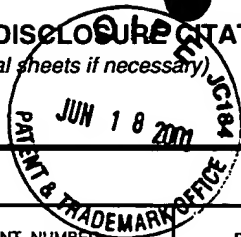
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|----------------------|---|-----------------|----------|-----------------|-------|----------|-------------------------------|
| HUT | P | 5543849 | 08/06/96 | LONG | 348 | 460 | |
| | Q | 5553221 | 09/03/96 | REIMER et al. | 395 | 154 | |
| | R | 5564073 | 10/08/96 | TAKAHISA | 455 | 66 | |
| | S | 5572442 | 11/05/96 | SCHULHOF et al. | 364 | 514C | |
| | T | 5589892 | 12/31/96 | KNEE et al. | 348 | 731 | |
| | U | 5612730 | 03/18/97 | LEWIS | 348 | 8 | |
| | V | 5633918 | 05/27/97 | MANKOVITZ | 379 | 97 | |
| | W | 5643088 | 07/01/97 | VAUGHN et al. | 463 | 40 | |
| | X | 5649284 | 07/15/97 | YOSHINOBU | 455 | 5.1 | |
| | Y | 5659366 | 08/19/97 | KERMAN | 348 | 460 | |
| | Z | 5668592 | 09/16/97 | SPAULDING, II | 348 | 13 | |

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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|------------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AA | WO 9727546 | 07/31/97 | PCT | | | | |
| | AB | WO 9613124 | 05/02/96 | PCT | | | | |
| | AC | WO 9607270 | 03/07/96 | PCT | | | | |
| | AD | WO 9702699 | 1/23/97 | PCT | | | | |
| | AE | WO 9413107 | 06/09/1994 | PCT | | | | |

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| | AF | "Internet TV Advertising"; Author = Dale Cripps; May 8, 1998; http://web-star.com/hdtvnews/internettvadvertising.html ; pages 1-3. |
| | AG | "Gates, TV, Interactivity"; Author = Dale Cripps; May 5, 1998; Pages 1-4; http://web-star.com/hdtvnews/gatestvinteractivity.html . |

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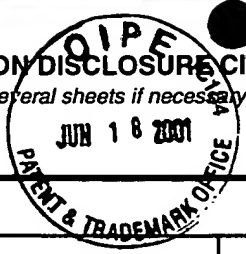
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| HUT | AH | 5677708 | 10/14/97 | MATTHEWS, III et al. | 345 | 115 | |
| | AI | 5694163 | 12/02/97 | HARRISON | 348 | 13 | |
| | AJ | 5696905 | 12/09/97 | REIMER et al. | 395 | 227 | |
| | AK | 5724103 | 03/03/98 | BATCHELOR | 348 | 553 | |
| | AL | 5729252 | 03/17/98 | FRASER | 345 | 302 | |
| | AM | 5734437 | 03/31/98 | BACK | 348 | 563 | |
| | AN | 5761602 | 06/02/98 | WAGNER et al. | 455 | 3.1 | |
| | AO | 5761606 | 06/02/98 | WOLZIEN | 455 | 6.2 | |
| | AP | 5774664 | 06/30/98 | HIDARY et al. | 395 | 200.48 | |
| | AQ | 5778181 | 07/07/98 | HIDARY et al. | 395 | 200.48 | |
| | AR | 6018768 | 01/25/00 | ULLMAN et al. | 709 | 218 | |

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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|----------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AS | 19545882 | 06/1997 | Germany | | | | |
| | AT | 0982943 | 5/10/00 | Europe | | | | |
| | AU | WO 9637075 | 11/21/96 | PCT | | | | |
| | AV | WO 9729458 | 8/14/97 | PCT | | | | |
| | AW | WO 9939506 | 8/05/99 | PCT | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|----|---|
| | AX | "ICTV" Brochure (a reproduced copy provided); copyright 1988 by ICTV; 27 pages. |
| | AY | "TV Navigator" brochure; copyright 1997 by Network Computer, Inc.; 6 pages. |

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U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
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| WUT | AY | 5818441 | 10/6/98 | THROCKMORTON | 345 | 328 | |
| | AZ | 5128752 | 07/07/92 | VON KOHORN | 358 | 84 | |
| | BA | 5191410 | 03/02/93 | McCALLEY et al. | 358 | 86 | |
| | BB | 5262860 | 11/16/93 | FITZPATRICK et al. | 358 | 142 | |
| | BC | 5285278 | 02/08/94 | HOLMAN | 358 | 142 | |
| | BD | 5438355 | 08/01/95 | PALMER | 348 | 1 | |
| | BE | 5479268 | 12/26/95 | YOUNG et al. | 358 | 335 | |
| | BF | 5570295 | 10/29/96 | ISENBERG et al. | 364 | 514 R | |
| | BG | 5353283 | 10/04/94 | TSUCHIYA | 370 | 60 | |
| | BH | 5604542 | 2/18/97 | DEDRICK | 348 | 552 | |
| | BI | 5640193 | 6/17/97 | WELLNER | 348 | 7 | |

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| | | | | | | | YES | NO |
| | BJ | 0489387 | 12/02/91 | EPO | | | | |
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| | | |
|--|----|--|
| | BK | "Worldgate" brochure; copyright 1998 by Worldgate Communications; 12 pages. |
| | BL | "Microsoft Web TV" brochure; copyright 1998 by WebTV Networks, Inc.; 16 pages. |

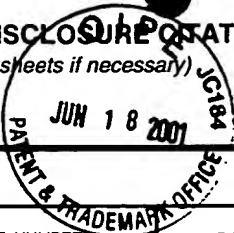
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| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
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| HW | BM | 5686954 | 11/11/97 | YOSHINOBU et al. | 348 | 13 | |
| | BN | 5724091 | 3/03/98 | FREEMAN et al. | 348 | 13 | |
| | BO | 5793365 | 8/11/98 | TANG et al. | 345 | 329 | |
| | BP | 5892909 | 4/06/99 | GRASSO et al. | 395 | 200.31 | |
| | BQ | 5912700 | 6/15/99 | HONEY et al. | 348 | 157 | |
| | BR | 5940082 | 8/17/99 | BRINEGAR et al. | 345 | 442 | |
| | BS | 6122658 | 9/19/00 | CHADDHA | 709 | 203 | |
| | BT | 5264933 | 11/23/93 | ROSSER et al. | 358 | 183 | |
| | BU | 5498000 | 3/12/96 | CUNEO | 273 | 354 | |
| | BV | 4625235 | 11/25/86 | WATSON | 358 | 86 | |
| | BW | 5600366 | 02/04/97 | SCHULMAN | 348 | 9 | |

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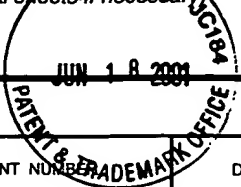
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U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
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| HVT | BX | 5786869 | 7/28/98 | BACK et al. | 348 | 565 | |
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FOREIGN PATENT DOCUMENTS

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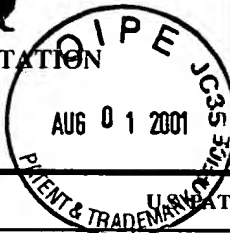
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INFORMATION DISCLOSURE CITATION

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| Docket Number (Optional) 5038.00 | Application Number 08/815,168 |
| Applicant(s) FREEMAN et al. | |
| Filing Date March 11, 1997 | Group Art Unit 2776 |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | REF | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|-----|-----------------|----------|------------------|-------|----------|----------------------------|
| JMT | A | 5,600,364 | 02/04/97 | HENDRICKS et al. | 348 | 1 | |
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| EXAMINER <i>Freeman</i> | DATE CONSIDERED 12/13/2001 |
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| | | |
|--|-------------------------------------|------------------------------|
| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | ATTY. DOCKET NO. 5038.00 | SERIAL NO. 08/815,168 |
| | APPLICANT: FREEMAN et al. | |
| | FILING DATE March 11, 1997 | GROUP 2611 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | PATENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

| | | DOCUMENT NUMBER | PUBLISHED DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|---|--------------------|-------------------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | A | EP 1021 037 A2 | 07/19/2000 | Europe | | | | |
| | B | EP 1 021 037 A3 | 08/23/2000 | Europe | | | | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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|---|---|
| C | Bryan Proffit, "Intercast Brings the Web to TV," January 21, 1997, PC Magazine, pp. 203-204. |
| D | Funkschau, De, Franzis-Verlag K.G. Munchen; "Verknuepfung Von TV MIT Internet" (Combining TV with the Internet), vol. 16, no. 18; 16 August 1996, pp. 70-71, middle column, page 71, paragraph 2. (English translation attached.) |

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